

Listing of Claims:

This listing of claims reflects all claim amendments and replaces all prior versions, and listings, of claims in the application. Generally, material to be inserted is in underline, and material to be deleted is in ~~strikeout~~. However, if the deletion is of five or fewer consecutive characters or would be difficult to see, it is in double brackets [[]].

1. (Currently Amended) A thermal pack apparatus, comprising:

an enclosed shell having an outer panel and an inner panel sealed together at least around an outer perimeter and at least partially filled with a thermal material; wherein the thermal material is sealed within the shell and disposed between the outer and inner panels; wherein the shell includes opposing first and second ends spaced by first and second opposing sides; wherein the shell includes a first portion and a second portion separated from each other by a narrowed neck region formed by opposing substantially;
~~the shell including an outer perimeter, opposed sides of the outer perimeter each having a~~
~~respective~~ v-shaped notches formed in the respective sides therein; ~~wherein the notched~~
~~being is~~ sized to enable an the upper portion of the shell to be folded to form a first
[[end]]wrap configured to surround a limb on a first side of a joint and having opposing
side segments adapted to fasten to each other when forming the first wrap; wherein the
notch is sized to enable the , and a lower portion of the shell to be folded to form a
second [[end]]wrap configured to surround the limb on a second side of the joint and
having opposing side segments adapted to fasten to each other when forming the second

wrap; wherein the side segments of the first and second wraps are at least partially filled with the thermal material; and wherein the narrowed neck region, ~~the shell further including a central portion~~ is configured to act as a living hinge to enable flexing of the first ~~[[end]]wrap~~ relative to the second ~~[[end]]_wrap[[,]]~~ to thereby accommodate movement of the joint.

2. (Original) The thermal pack apparatus of claim 1, wherein the notches are sized to accommodate a knee.

3. (Original) The thermal pack apparatus of claim 1, wherein the notches are sized to accommodate an elbow.

4. (Original) The thermal pack apparatus of claim 1, wherein the thermal material is a gel.

5. (Original) The thermal pack apparatus of claim 4, wherein the thermal material is a silica gel.

6. (Currently Amended) The thermal pack apparatus of claim 1, wherein the ~~[[shell]]~~side segments of the first wrap further include~~[[s]]~~ a first pair of fasteners positioned respectively on an upper portion of each of the opposed side segments, the first pair of fasteners and the opposed side segments being configured to couple the opposed side segments to each other to surround the limb on the first side of the joint with thermal material.

7. (Currently Amended) The thermal pack apparatus of claim 6, wherein the ~~[[shell]]~~side segments of the second wrap further include~~[[s]]~~ a second pair of fasteners

positioned respectively on a lower portion of each of the opposed side segments, the second pair of fasteners and the opposed side segments being configured to couple the opposed side segments to each other to surround the limb on the second side of the joint with thermal material.

8. (Currently Amended) The thermal pack apparatus of claim 1, wherein the notch is sized such that the ~~central portion~~ living hinge is free to bend to form an acute angle between the first and second ends of the shell.

9. (Currently Amended) The thermal pack apparatus of claim 1, wherein the notch is sized such that the ~~central portion~~ living hinge is free to bend to form an obtuse angle between the first and second ends of the shell.

10. (Currently Amended) The thermal pack apparatus of claim 1, wherein the notch is sized such that the ~~central portion~~ living hinge is free to bend in one direction to form an obtuse angle, and in an opposite direction to form an acute angle, between the first and second ends of the shell.

11. (New) The thermal pack apparatus of claim 1, wherein the outer panel of the first wrap and the outer panel of the second wrap are spaced by an angle B; and wherein the living hinge formed by the v-shaped notches is configured to enable movement of the first and second wraps to vary angle B from 0° to at least about 270°.

12. (New) A thermal pack apparatus, comprising:
an enclosed shell having an outer panel and an inner panel sealed together at least around an outer perimeter and at least partially filled with a thermal material;

wherein the thermal material is sealed within the shell and disposed between the outer and inner panels; the shell including an outer perimeter, opposed sides of the outer perimeter each having a respective v-shaped notches formed therein;

wherein the notched being is sized to enable an upper portion of the shell to be folded to form a first wrap configured to surround a limb on a first side of a joint;

wherein the notch is sized to enable, and a lower portion of the shell to be folded to form a second wrap configured to surround the limb on a second side of the joint; and

wherein the shell further includes a central portion configured to act as a living hinge to enable flexing of the first wrap relative to the second wrap to thereby accommodate movement of the joint.